

Approved For Release 2001/09/03 : CIA-RDP78B04560A005000010007-3
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NO FOREIGN DISSEM [REDACTED]

PHOTOGRAPHIC INTERPRETATION REPORT



25X1A

[REDACTED] MISSION 5109
15 OCTOBER 1965

NPIC/R-376/65
NOVEMBER 1965

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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PREFACE

This summary report contains additional information on "new" and "change" targets and order of battle information on all targets listed in the Index (MI) for this mission.

Items are arranged in sections.

The "New" section provides a description of targets newly identified or known but reported for the first time by NPIC.

The "Change" section provides a description of previously reported installations showing a major change, or those where an analysis of current photography furnishes more precise information.

The "Order of Battle" section provides information on targets where order of battle can be identified.

When there are no "New" or "Change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

The map base used (when available and applicable) for the derivation of coordinates is the latest edition of the US Air Target Chart, Series 200, or AMS Series L509 1:250,000 (China); or ONC; or AMS Series 1301, IMW (Tibet, Western China).

The header line for each target contains, reading from

left to right, the target name, the geographic coordinates, the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), or P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows "new" and "change" targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85 mm), and heavy (100 mm and larger). The term HMCAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

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Approved For Release 2001/05/05 : CIA-RDP78B04560A005000010007-3

25X1C

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THIS SECTION PROVIDES A DESCRIPTION OF NEW TARGETS.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p><u>MISSILES</u></p> <p>HANOI SAM SITE C07-2</p> <p>30.3 NM NNE OF HANOI AT UTM XJ368532. SITE CONTAINS 6 REVETTED LAUNCH POSITIONS IN AN IRREGULAR PATTERN, 2 POSSIBLE MISSILE-HOLD POSITIONS, AND A PARTIALLY REVETTED CENTRAL GUIDANCE AREA.</p> <p>OB -- 6 SA-2 MISSILES (1 IN EACH LAUNCH POSITION) AND 1 PROBABLE FANSONG RADAR IN CENTRAL GUIDANCE AREA. (SEE ATTACHMENT 1)</p> <p>COMOR [REDACTED]</p>	2116N 10619E	0616	[REDACTED]	25X1A 238-G
<p>HANOI SAM SITE E07-2</p> <p>46.5 NM NE OF HANOI AT UTM XJ656643. SITE CONTAINS 6 REVETTED LAUNCH POSITIONS IN A CIRCULAR PATTERN AND A REVETTED CENTRAL GUIDANCE POSITION.</p> <p>OB -- 12 MISSILES (1 IN EACH LAUNCH POSITION, 6 ON MISSILE TRANSPORTERS), 11 MISSILE TRANSPORTERS IMMEDIATELY SOUTH OF LAUNCH AREA, AN OCCUPIED CENTRAL GUIDANCE POSITION, AND 9 PIECES OF MISSILE-ASSOCIATED EQUIPMENT. (SEE ATTACHMENT 2)</p> <p>COMOR [REDACTED]</p>	2122N 10635E	0616	[REDACTED]	25X1A 397-D

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R-376/65

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HANOI SAM SITE C06-2 29.5 NM NE OF HANOI AT UTM XJ301579. SITE CONTAINS 6 REVETTED LAUNCH POSI- TIONS AND AN UNREVIEWED CENTRAL GUID- ANCE POSITION. (SEE ATTACHMENT 3) COMOR [REDACTED] [REDACTED]	2119N 10615E	0616	[REDACTED]	25X1A 238-H

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THIS SECTION PROVIDES A DESCRIPTION OF PREVIOUSLY REPORTED TARGETS SHOWING CHANGE.

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R-376/65

25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p><u>MISSILES</u></p> <p>HANOI SAM SITE A24-2 8 NM SW OF HANOI AT UTM WJ759164. COMPLETED SA-2 SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED MISSILE- HOLD POSITIONS. COMOR [REDACTED]</p> <p><u>AIR INSTALLATIONS</u></p> <p>KEP AIRFIELD 1 NM SW OF KEP AT UTM XJ317663. 5,975 X 155 FT NE/SW CONCRETE RUNWAY, SERVICEABLE, WITH GRADED EARTH OVER- RUNS AT EACH END. FACILITIES INCLUDE CONTROL TOWER/ OPERATIONS BUILDING, 5 BARRACKS/STOR- AGE BUILDINGS, 9 SMALLER ASSOCIATED BUILDINGS, AND A WEATHER STATION. SEVEN DISPERSAL REVETMENTS ARE COM- plete AND 7 REVETMENTS ARE UNDER CON- STRUCTION AT NE END OF AIRFIELD. OB -- 9 FAGOT/FRESCO. COMOR [REDACTED]</p> <p><u>MILITARY INSTALLATIONS</u></p> <p>THUONG LAM MILITARY AREAS THREE MILITARY AREAS REFERENCED FROM THUONG LAM.</p>	2056N 10543E	0616	[REDACTED]	25X1A 256-F
			[REDACTED]	25X1A 211
	2124N 10616E	0616	[REDACTED]	
	2049N 10539E	0616		230-A

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R-376/65

25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>AREA A (1.5 NM NW AT UTM WJ693023) -- 2 ADMINISTRATION AND APPROXIMATELY 10 SUPPORT BUILDINGS.</p> <p>AREA B (1.5 NM WEST AT UTM WJ686005) -- 20 BARRACKS, 2 ADMINISTRATION, AND APPROXIMATELY 10 SUPPORT BUILDINGS. TRENCHING OBSERVED THROUGHOUT AREA. TRAINING AREA IMMEDIATELY SOUTH OF BARRACKS AREA CONTAINS 4 AUTOMATIC WEAPONS FIRING RANGES WITH AT LEAST 10 MOVING TARGET RUNS.</p> <p>AREA C (3.5 NM NW AT UTM WJ660025) -- 2 VEHICLE MAINTENANCE BUILDINGS AND APPROXIMATELY 20 SUPPORT BUILDINGS. TRAINING FACILITIES INCLUDE SEVERAL DRIVER TRAINING COURSES.</p> <p>COMOR [REDACTED]</p>				
<p>25X1A</p> <p>25X1D</p> <p>XUAN MAI ARMY BARRACKS NNW HOA MUC 1 NM WEST OF HOA MUC AT UTM WJ589161. AREA CONTAINS 25 BARRACKS, 1 ADMINISTRATION, 4 LARGE AND 2 SMALL REVETTED STORAGE, AND 3 MESSHALL BUILDINGS. A DRIVER TRAINING AREA IS 2.5 NM NNW AT UTM WJ562173. ACTIVITY -- 1 OCCUPIED 5-GUN AND 5 OCCUPIED 8-GUN LIGHT AAA SITES.</p> <p>COMOR [REDACTED]</p>	2057N 10534E	0616	[REDACTED]	25X1A 261-A
<p>25X1A</p> <p>25X1D</p> <p>LANG CA MILITARY AREAS TWO MILITARY AREAS REFERENCED FROM LANG CA. AREA A (IN LANG CA AT UTM WJ404987 ON WEST BANK OF SONG DAY (RIVER)) -- 17</p>	2141N 10524E	0616		398

CONFIDENTIAL

25X1C

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THIS SECTION PROVIDES ORDER OF BATTLE INFORMATION.

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25X1C

R-376/65

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>BARRACKS, 2 ADMINISTRATION, 2 MESSHALL, AND NUMEROUS STORAGE/SUPPORT BUILDINGS. AREA B (2.2 NM NNE AT UTM WK429028 ON WEST OF BANK SONG DAY (RIVER)) -- 4 BARRACKS, 1 ADMINISTRATION, 1 MESSHALL, AND 3 SUPPORT BUILDINGS.</p> <p>25X1D</p>				
<p>TAI XOUANG AMMUNITION DEPOT SE 2 NM SE OF TAI XUOAN AT UTM WK138021. AREA SUBJECTED TO AIR STRIKE. FOURTEEN BUILDINGS DESTROYED/HEAVILY DAMAGED AND 8 BUNKERED BUILDINGS REMAIN AROUND CIRCULAR ROAD. SIX BUILDINGS REMAIN IN MAINTENANCE/BARRACKS AREA.</p> <p>25X1D</p>	2143N 10508E	0616		25X1A 235
<p>BAC GIANG AMMUNITION DEPOT 3.8 NM NW OF BAC GIANG AT UTM XJ189563. AREA CONSISTS OF 9 LARGE REVETTED STORAGE (1 UNDER CONSTRUCTION) AND 4 MISCELLANEOUS BUILDINGS.</p> <p>25X1D</p>	2118N 10608E	0616		25X1A 238-F
<p><u>INDUSTRY</u></p> <p>LANG CHI EXPLOSIVES PLANT THREE AREAS 1.5 NM NE OF HA CU ON THE WEST BANK OF SONG LA (RIVER) HAVE BEEN SUBJECTED TO AN AIRSTRIKE. AREA A (UTM WJ257992) -- 2 FABRICATION BUILDINGS DESTROYED AND 3 SEVERELY DAMAGED. ONE FABRICATION, 7 ADMINISTRATION/SUPPORT, AND 8 REVETTED STORAGE BUILDINGS, AND 1 HEATING/POWERPLANT REMAIN.</p>	2142N 10515E	0616		25X1A 336

CONFIDENTIAL

25X1C

CONFIDENTIAL

R-376/65

25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1A AREA B (UTM WJ241992) -- 1 REVETTED 25X1D STORAGE BUILDING DESTROYED. NINE REVVETTED STORAGE BUILDINGS REMAIN. AREA C (UTM WJ249994) -- 3 BUILDINGS IN TEST AREA REMAIN. COMOR [REDACTED]</p> <p><u>BASIC SERVICES</u></p> <p>LANG SON--HANOI RR SEGMENT 2 LANG SON--HANOI RAILROAD, OBSERVED FROM 21-16N 106-12E TO 21-34N 106-26E, IS SERVICEABLE. ACTIVITY -- 36 RAIL CARS AT UTM XJ330660, 23 RAIL CARS AT UTM XJ340680, 11 RAIL CARS AT UTM XJ390110, AND 26 RAIL CARS AT UTM XJ490800. COMOR [REDACTED]</p>	2126N 10620E	0616		211-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-NORTH VIETNAM-				
<u>MISSILES</u>				25X1A
HANOI SAM SUPPORT FACILITY OB -- 1 MISSILE ON TRANSPORTER AND 2 POSSIBLE MISSILE TRANSPORT- ERS. ACTIVITY -- 5 UNIDENTIFIED VEHICLES. (SEE ATTACHMENT 4)	2044N 10539E	0616		269-A
25X1D				25X1A
HANOI SAM SITE C07-2 OB -- 6 SA-2 MISSILES (1 IN EACH LAUNCH POSITION) AND 1 PROBABLE FAN- SONG RADAR IN CENTRAL GUIDANCE AREA. (SEE ATTACHMENT 1)	2116N 10619E	0616		238-G
25X1A				
25X1D				25X1A
HANOI SAM SITE E07-2 OB -- 12 MISSILES (1 IN EACH LAUNCH POSITION, 6 ON MISSILE TRANSPORTERS), 11 MISSILE TRANSPORTERS IMMEDIATELY SOUTH OF LAUNCH AREA, AN OCCUPIED CEN- TRAL GUIDANCE POSITION, AND 9 PIECES OF MISSILE-ASSOCIATED EQUIPMENT. (SEE ATTACHMENT 2)	2122N 10635E	0616		397-D
25X1A				
25X1D				
<u>AIR</u>				25X1A
KEP AIRFIELD OB -- 9 FAGOT/FRESCO. COMOR	2124N 10616E	0616		211
25X1A				
25X1D				

CONFIDENTIAL

R-376/65

25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<u>GROUND</u>				
XUAN MAI ARMY BARRACKS NNW HOA MUC ACTIVITY -- 1 OCCUPIED 5-GUN AND 5 OCCUPIED 8-GUN LIGHT AAA SITES. COMOR [REDACTED]	2057N 10534E	0616	[REDACTED]	25X1A 261-A
THAI NGUYEN ANTIAIRCRAFT DEFENSES OB -- EIGHT 8-GUN MEDIUM AAA SITES (57 POSITIONS OCCUPIED). [REDACTED]	2136N 10551E	0616		242-I
<u>MISCELLANEOUS</u>				
LANG SON--HANOI RR SEGMENT 2 ACTIVITY -- 36 RAIL CARS AT UTM XJ330660, 23 RAIL CARS AT UTM XJ340680, 11 RAIL CARS AT UTM XJ390710, AND 26 RAIL CARS AT UTM XJ490800. COMOR [REDACTED]	2126N 10620E	0616		211-A

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